

**Amendments to the Specification:**

Page 1, after the title and before the "Field of The Invention" section, insert the following two paragraphs prior to line number 9:

**REFERENCE TO PRIOR APPLICATION:**

This application is a divisional of co-pending Application Serial Number 10/105831, filed on March 25, 2002, and claims benefit from that co-pending application under 35 U.S.C. §§ 120 and 121.

**STATEMENT OF GOVERNMENT RIGHTS:**

This invention was made with government support under National Science Foundation Award #DMR-0071770. The government has certain rights in this invention.

Page 9, replace line numbers 5-7 with the following:

FIG. 12 is a graph showing intrinsic magnetic noise, as calculated based on the voltage noise data of FIG. 11D, as a function of annealing temperature for an MTJ device.